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FH Rabbit pAb

货号: **AYP12373**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:100 - 1:500 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:100
理论分子量	50kDa/54kDa
实测分子量	47KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,NIH/3T3,C2C12,C6,Rat liver
细胞定位	Cytoplasm,Mitochondrion
纯化	Affinity purification

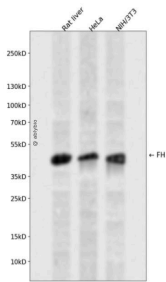
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human FH (NP_000134.2).
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靶点信息

研究背景	The protein encoded by this gene is an enzymatic component of the tricarboxylic acid (TCA) cycle, or Krebs cycle, and catalyzes the formation of L-malate from fumarate. It exists in both a cytosolic form and an N-terminal extended form, differing only in the translation start site used. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension generates the same form as in the cytoplasm. It is similar to some thermostable class II fumarases and functions as a homotetramer. Mutations in this gene can cause fumarase deficiency and lead to progressive encephalopathy.
基因ID	2271
基因名	FH
Swiss	P07954 (https://www.uniprot.org/uniprotkb/P07954/entry)
别名	FH,FMRD,HLRCC,LRCC,MCL,MCUL1,FH Rabbit pAb

产品验证



Western blot analysis of FH expressed in Rat liver, HeLa, NIH/3T3 using FH Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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